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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/416,501	10/08/1999	BRIAN S. DOYLE	42390.P4514D	6248

7590

08/29/2002

BLAKELEY SOKOLOFF TAYLOR & ZAFMAN LLP
12400 WILSHIRE BOULEVARD
7TH FLOOR
LOS ANGELES, CA 900251026

EXAMINER

ORTIZ, EDGARDO

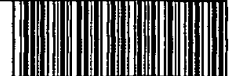
ART UNIT

PAPER NUMBER

2815

DATE MAILED: 08/29/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory ActionApplication No.
09/416,501Applicant(s)
DoyleExaminer
Edgardo OrtizArt Unit
2815

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED Aug 15, 2002 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

Therefore, further action by the applicant is required to avoid the abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

THE PERIOD FOR REPLY [check only a) or b)]

- a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.
- b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☐ The proposed amendment(s) will not be entered because:
- (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
- (b) ☐ they raise the issue of new matter (see NOTE below);
- (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
- (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____

3. ☐ Applicant's reply has overcome the following rejection(s): _____

4. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

5. ☒ The a) ☐ affidavit, b) ☐ exhibit, or c) ☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because:
See Continuation Sheet.

6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.

7. ☒ For purposes of Appeal, the proposed amendment(s) a) ☒ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____

Claim(s) objected to: _____

Claim(s) rejected: 28-34

Claim(s) withdrawn from consideration: _____

8. ☐ The proposed drawing correction filed on _____ is a) ☐ approved or b) ☐ disapproved by the Examiner

9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s).

10. ☐ Other: _____

EDDIE LEE
SUPERVISORY PATENT EXAMINER

Continuation Sheet:
Serial Number: 09/416,501

Applicant's arguments filed on August 15, 2002 have been fully considered, but are not deemed persuasive. Applicant argues on his remarks that Sakaguchi does not teach or suggest a second single crystal substrate portion having active devices formed thereon and intercoupled via metal lines. However, Sakaguchi was not cited for this particular teaching, but for that of a second single crystal substrate. As stated in the body of the office action mailed on July 19, 2002, Applicant's admitted prior art figure 2 teaches a primary substrate (202) having a first level of active devices (204) formed thereon and defining a device surface and at least a secondary substrate (Si) coupled to the device surface and selected active devices are intercoupled via metal lines (207).

It is clearly suggested by the teachings of Sakaguchi and Applicant's admitted prior art to include active devices formed on a second single crystal substrate portion and wherein selected ones of the active devices of the second substrate portion are intercoupled via metal lines. Therefore, the claimed invention does not structurally or patentable distinguish from that taught by the prior art. Applicant also argues that the combination of Sakaguchi and Applicant's admitted prior art would not yield the claimed apparatus. In this regard, it is noted that the test for combining references is what the combination of disclosures taken as a whole would suggest to one of ordinary skill in the art, and as shown above, the combination of references clearly suggest the claimed invention.